IQ score due to the problem is normally distributed. Let's denote by ξ random variable that corresponds to IQ score. Mean of this distribution is $\mu = 100$ and standard deviation $\sigma = 15$. Thus

$$\xi \sim N(100,15)$$

To find point separating the bottom 3% score from the top 97% let's find quantile of normal distribution corresponding to 0.03:

$$q_{1-0.03} = -1.88$$

Using properties of normal distribution we have that required score equals to

$$\mu + q_{1-0.03} \cdot \sigma = 100 - 1.88 \cdot 15 = 71.8$$

ANSWER: 71.8